

BRS	L1	149652	(mantle or crown or outer or (surface adj layer) or shell or matrix or framework) near30 (boralite or boron or b or indium or gallium or iron or fe or ga or gallo\$8 or boro\$8 or indo\$9 or ferro\$)	USPAT	2002/07/26 19:22
BRS	L2	896	(core or center or inner or interior) near25 (MFI or TON or MTW or MEL)	USPAT	2002/07/26 19:07
BRS	L3	2744	1 near50 catal\$5	USPAT	2002/07/26 19:07
BRS	L5	1	3 and 4	USPAT	2002/07/26 19:08
BRS	L4	13	2 near50 catal\$5	USPAT	2002/07/26 19:08
BRS	L6	13	4 and (boralite or boron or b or indium or gallium or iron or fe or ga or gallo\$8 or boro\$8 or indo\$9 or ferro\$)	USPAT	2002/07/26 19:54
BRS	L7	941905	aqueous or water	USPAT	2002/07/26 19:56
BRS	L8	66	tempat\$3	USPAT	2002/07/26 19:57
BRS	L9	410786	crystal\$8	USPAT	2002/07/26 19:57
BRS	L10	26	8 and 9	USPAT	2002/07/26 19:57
BRS	L11	24	7 and 10	USPAT	2002/07/26 19:57
BRS	L12	42304	templat\$3	USPAT	2002/07/26 19:58
BRS	L13	259	7 near30 9 near30 12	USPAT	2002/07/26 19:58
BRS	L14	3	6 and 13	USPAT	2002/07/26 20:16
BRS	L15	3	14 and temperature	USPAT	2002/07/26 20:58
BRS	L16	130	MFI near4 (defined or include or includes)	USPAT	2002/07/26 20:32
BRS	L17	0	IUPAC near6 defined near6 MFI	USPAT	2002/07/26 20:32
BRS	L18	0	IUPAC near6 definition near6 MFI	USPAT	2002/07/26 20:32
BRS	L19	0	IUPAC near6 grouped near6 MFI	USPAT	2002/07/26 20:33
BRS	L20	0	grouped near6 MFI	USPAT	2002/07/26 20:33
BRS	L21	66	defined near6 MFI	USPAT	2002/07/26 20:33
BRS	L22	40	defined near3 MFI	USPAT	2002/07/26 20:34
BRS	L23	1	defined near3 MFI near10 catalyst	USPAT	2002/07/26 20:36
BRS	L24	0	"MFI IS DEFINED"	USPAT	2002/07/26 20:36
BRS	L25	2	definition near6 mfi	USPAT	2002/07/26 20:37
BRS	L26	15	(MFI adj type) near4 include	USPAT	2002/07/26 20:38
BRS	L27	117246	boralite or bromide or h3bo4	USPAT	2002/07/26 20:59
BRS	L28	6332	tpa\$4	USPAT	2002/07/26 20:59
BRS	L29	2002	27 and 28	USPAT	2002/07/26 21:00
BRS	L30	0	h3bo4	USPAT	2002/07/26 21:00
BRS	L31	2104	ludox	USPAT	2002/07/26 21:00
BRS	L32	184	29 and 31	USPAT	2002/07/26 21:01
BRS	L33	7137	(AS adj "40") or as40	USPAT	2002/07/26 21:02
BRS	L34	16	32 and 33	USPAT	2002/07/26 21:07
BRS	L35	2140	(first or outer or mantle) near6 zeolite	USPAT	2002/07/26 21:10
BRS	L36	1520	(second or innerer or core) near6 zeolite	USPAT	2002/07/26 21:10
BRS	L37	880	35 and 36	USPAT	2002/07/26 21:10
BRS	L38	5	31 and 33 and 37	USPAT	2002/07/26 21:12

BRS	L39	0	6 and 38	USPAT	2002/07/26 21:13
BRS	L40	3	27 and 38	USPAT	2002/07/26 21:13

BRS	L1	4	MFI near3 isotype	USPAT	
BRS	L2	275	core near12 (MFI or metallosilicate or aluminosilicate or MFI or MEL or MTW or TON)	USPAT	
BRS	L3	0	isotype near20 2	USPAT	
BRS	L4	5123	(center or catalyst or catalytic) near12 (MFI or metallosilicate or aluminosilicate or MFI or MEL or MTW or TON)	USPAT	
BRS	L6	5369	2 or 4	USPAT	
BRS	L7	0	isotype near30 4	USPAT	
BRS	L8	0	isotype near30 6	USPAT	
BRS	L9	0	isotype near40 6	USPAT	
BRS	L10	38173	(mantle or matrix or framework or cage) near20 (metallosilicate or ga or b or fe or ferro\$ or bralite or gallo\$9 or indo\$9 or gallium or boron or indium or iron)	USPAT	
BRS	L11	3199	(mantle or matrix or framework or cage) near20 (boralite or boro\$9)	USPAT	
BRS	L12	38503	10 or 11	USPAT	
BRS	L13	791	6 and 12	USPAT	
BRS	L14	427305	templat\$3 or crystal\$7	USPAT	
BRS	L15	760	13 and 14	USPAT	
BRS	L16	12670	disproportionat\$4	USPAT	
BRS	L17	182	15 and 16	USPAT	
BRS	L18	355154	catal\$5	USPAT	
BRS	L19	182	17 and 18	USPAT	
BRS	L20	4391	isotype	USPAT	
BRS	L21	4	19 and 20	USPAT	
BRS	L22	17	2 and 15	USPAT	
BRS	L5	17	2 near25 4	USPAT	
BRS	L23	24	2 and 12	USPAT	
BRS	L24	7	23 not 22	USPAT	

BRS 0 indosilicate
 BRS 0 indiosilicate
 BRS 6 indium adj silicate
 BRS 61426 (silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite
 BRS 1 6040259.pn.
 BRS 1 ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) and 6040259.pn.
 BRS 2121 ludox
 BRS 61426 (indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite)
 BRS 1276 ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))
 BRS 80378 502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.
 BRS 592 (ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)
 BRS 924403 (shell or mantle or crown or layer)
 BRS 206 ((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer))
 BRS 206 (((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or disproportionat\$5 or aromatic)
 BRS 238363 paraxylene or xylene or disproportionat\$5 or aromatic
 BRS 266255 paraxylene or xylene or disproportionat\$5 or aromatic
 BRS 166 (((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or disproportionat\$5 or aromatic)
 BRS 29646 mfi or metallosilicate or zeolite
 BRS 160 (((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or disproportionat\$5 or aromatic)) and (mfi or metallosilicate or zeolite)
 BRS 61621 ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate
 BRS 160 (((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or

'disproportionat\$5 or aromatic)) and (mfi or metallosilicate or zeolite)) and (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)

BRS 4501 ((shell or mantle or crown or layer)) near6 (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)

BRS 9 ((((((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or disproportionat\$5 or aromatic)) and (mfi or metallosilicate or zeolite)) and (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)) and (((shell or mantle or crown or layer)) near6 (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate))

BRS 8070 (contiguous ot contiguous or isotype or isostructur\$3 or isotypical) near5 (layer or zeolite or catalyst or MFI or MEL or mtw or ton)

BRS 2 (((((((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or disproportionat\$5 or aromatic)) and (mfi or metallosilicate or zeolite)) and (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)) and (((shell or mantle or crown or layer)) near6 (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)))) and ((contiguous ot contiguous or isotype or isostructur\$3 or isotypical) near5 (layer or zeolite or catalyst or MFI or MEL or mtw or ton))

BRS 3 borolite

BRS 37 boralite

BRS 370 zeolite-like or (zeolite near3 (analog or analog))

BRS 2 (borolite or boralite) and (zeolite-like or (zeolite near3 (analog or analog)))

BRS 407 (borolite or boralite) or (zeolite-like or (zeolite near3 (analog or analog)))

BRS 20 (((((((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or disproportionat\$5 or aromatic)) and (mfi or metallosilicate or zeolite)) and (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)) and ((borolite or boralite) or (zeolite-like or (zeolite near3 (analog or analog))))

BRS 20 ((shell or mantle or crown or layer)) and (((((((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and

(paraxylene or xylene or disproportionat\$5 or aromatic)) and (mfi or metallosilicate or zeolite)) and (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)) and ((borolite or boralite) or (zeolite-like or (zeolite near3 (analog or analog))))))

BRS 11425 borosilicate

BRS 21 borasilicate

BRS 59059 silic\$4 near12 (B or boron)

BRS 16 (((shell or mantle or crown or layer)) and ((((((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or disproportionat\$5 or aromatic)) and (mfi or metallosilicate or zeolite)) and (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)) and ((borolite or boralite) or (zeolite-like or (zeolite near3 (analog or analog)))))) and (silic\$4 near12 (B or boron))

BRS 11462 (borolite or boralite) or borosilicate or borasilicate

BRS 9 (((shell or mantle or crown or layer)) and ((((((shell or mantle or crown or layer)) and (((ludox and ((indium adj silicate) or ((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite))) and (502/\$.ccls. or 585/\$.ccls. or 208/\$.ccls.)) and ((shell or mantle or crown or layer)))) and (paraxylene or xylene or disproportionat\$5 or aromatic)) and (mfi or metallosilicate or zeolite)) and (((silica\$3 near12 (ga or gallium or B or boron or fe or iron or In or indium)) or ferrosilicate or gallosilicate or borosilicate or borolite or boralite) or metallosilicate)) and ((borolite or boralite) or (zeolite-like or (zeolite near3 (analog or analog)))))) and (silic\$4 near12 (B or boron))) and ((borolite or boralite) or borosilicate or borasilicate)

BRS 2 formula near6 (borolite or boralite)

BRS 39 borolite or boralite

BRS 29 (paraxylene or xylene or disproportionat\$5 or aromatic) and (borolite or boralite)

BRS 13506 paraxylene or xylene or disproportionat\$5

BRS 6 ((paraxylene or xylene or disproportionat\$5 or aromatic) and (borolite or boralite)) and (paraxylene or xylene or disproportionat\$5)

BRS 99988 paraxylene or xylene

BRS 9 ((paraxylene or xylene or disproportionat\$5 or aromatic) and (borolite or boralite)) and (paraxylene or xylene)

BRS 942 paraxylene

BRS 1 (((paraxylene or xylene or disproportionat\$5 or aromatic) and (borolite or boralite)) and (paraxylene or xylene)) and paraxylene